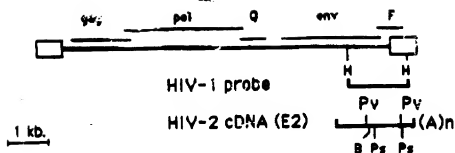


79

A



10971 U.S. PTO  
09/986634  
11/09/01

B

HIV.2 AGTAACTAACACAA-----ACAGCTGAGACTGC-----AGGGACTTTCAGAGAGGGGCTG  
HIV.1 AGT-ACITCAAGAAGCTGCTGACATC-GAGCTTGCTACAAGGGACTTTCAGAGAGGGGCTG  
9000 9010 9020 9030 9040

HIV.2 TAACGAA-----GGGAGGGACATGGGAC-----GAGCTGGTGGGGAACGGCTC  
HIV.1 T-----CCAGGGAGGGCTGGCCTGGGCGGGAGCTGGCGAGC-----CCTC  
9050 9060 9070 9080 9090

HIV.2 AGATTCTCTGTATAAATATACCCGCTGCTTGCATTGTAAGTTCAGTTCGGCTCTCGGGAGAGG  
HIV.1 AGATG-----CTGCATATAAGCAGCTGCTTTTTGCC-TGTACTGG-GTCTCTCTGTTAGAC-  
9100 9110 9120 9130 9140

U3 R

HIV.2 CTGGCAGATTGAGCCCTGGGAGGTTTCTCTCCAGCACTAGCAGGTAGAGCCCTGGGTCTCC  
HIV.1 -----CAGATTGAGGCTGGGAGC-TCTCTGGCTAACTAGGGAACCCAC-----  
9150 9160 9170 9180 9190

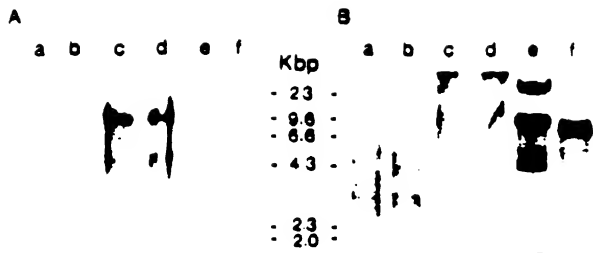
HIV.2 TGCTAGACTCTCACCAGCACTTGGCGGGTCTCTGGGCAGAGGGCCCAAGCTTGCTTGCTT  
HIV.1 -----TGCTT

HIV.2 AAAAACCTCCTTATAAAGCT-GCC---AGTAGAAGCA  
HIV.1 AAG-----CCTCATAAAGCTTGGCTTGAGTCTTCA  
9210 9220

R

SCANNED # 20

Fig 2



1 2 3 4 5 6



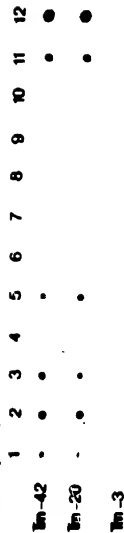
1 2 3 4 5 6



C

D

HIV-2 probe



HIV-1 probe

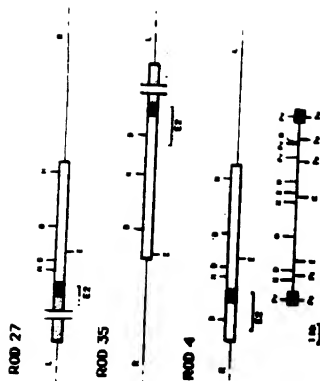
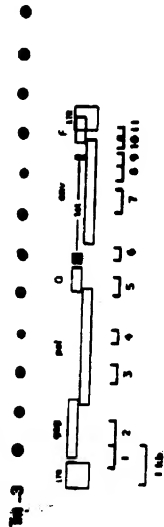


Fig. 4

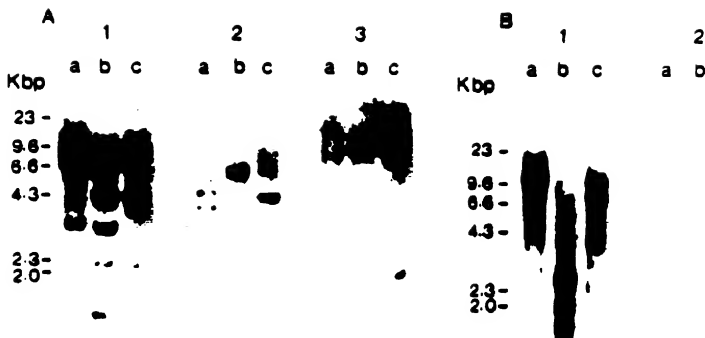
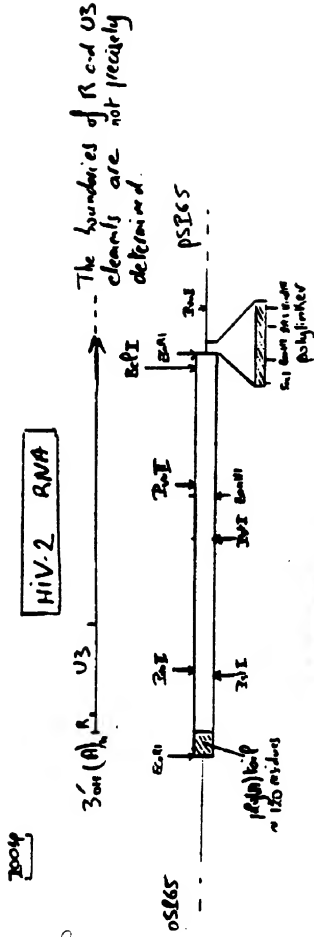
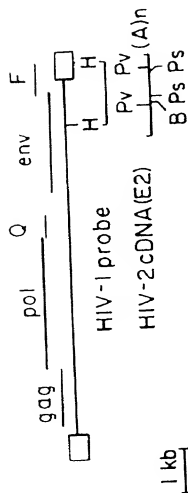


Figure 5



No sites in pSP E2 insert for: AccI/AvaI/BolI/BglI/ClaI/EcoRI/HaeIII/HindIII/KpnI/NdeI/NciI/PvuI/SacI/SmaI/SpeI/XbaI

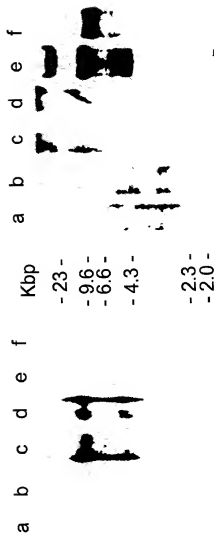
FIG. 1A



**FIG. 1B**

APN: To Be Assigned 2 of 7  
Inventors: Marc ALIZON et al.  
Atty. Docket: 3495 0104-03

**FIG. 2A**



**FIG. 2B**

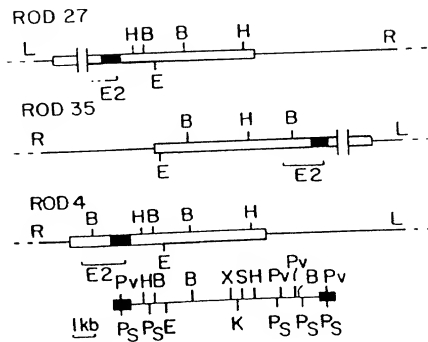


**FIG. 2C**

**FIG. 2D**

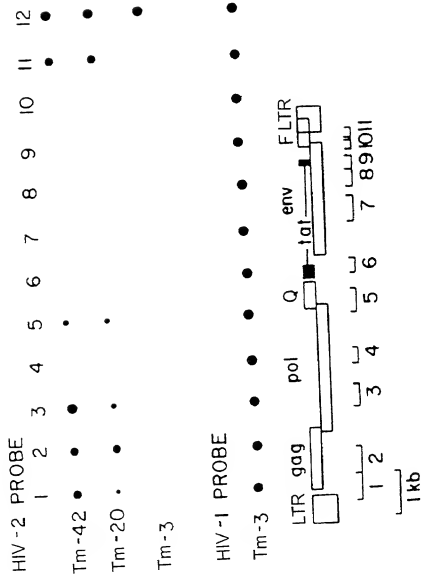


**FIG. 3A**

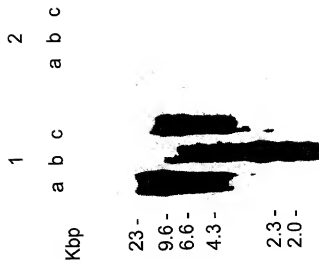


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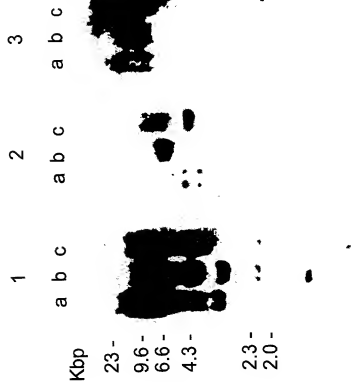
FIG. 3B



**FIG. 4B**

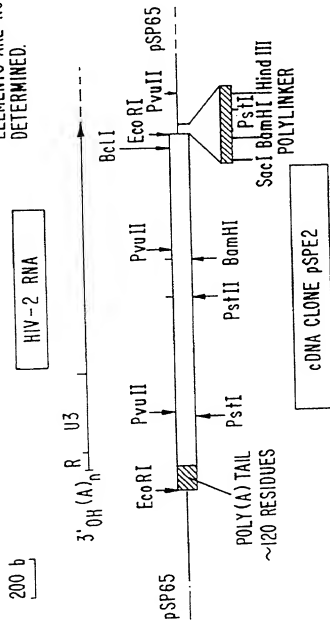


**FIG. 4A**



**FIG. 5**

THE BOUNDARIES OF R AND U3  
ELEMENTS ARE NOT PRECISELY  
DETERMINED.



NO SITES IN pSPE2 INSERT FOR: Acc I / Ava I / Bcl I / Bgl II / Cla I / Eco RI

Hinc II / Hind III / Kpn I / Nde I / Nru I / Pvu I /

Sac I / Sma I / Sal I / Xba I